

ZHONGXIAO JIA (Dalian, People's Republic of China) Refined Iterative Algorithms Based on Arnoldi's Process for Large Unsymmetric Eigenproblems	1
P. LANCASTER (Calgary, Alberta, Canada), A. S. MARKUS (Ben Gurion, Israel), AND P. ZIZLER (Saskatoon, Saskatchewan, Canada) The Order of Neutrality for Linear Operators on Inner Product Spaces . . .	25
TOMMASO TOFFOLI (Boston, Massachusetts) Almost Every Unit Matrix is a <i>ULU</i>	31
BIT-SHUN TAM (Tamsui, Taiwan), YANG SHANGJUN, AND ZHANG XIAODONG (Hefei, Anhui, People's Republic of China) Invertibility of Irreducible Matrices	39
RAJENDRA BHATIA (New Delhi, India) A Note on the Lyapunov Equation	71
SUJIT KUMAR MITRA AND K. MANJUNATHA PRASAD (New Delhi, India) The Nonunique Parallel Sum	77
A. RAHMANI, C. SUEUR, ET G. DAUPHIN-TANGUY (Villeneuve d'Ascq, France) Approche des Bond Graphs pour l'Analyse Structurale des Systèmes Linéaires	101
ANDRÉ RAN (Amsterdam, The Netherlands) AND PETER ZIZLER (Saskatoon, Saskatchewan, Canada) On Self-Adjoint Matrix Polynomials With Constant Signature	133
O. V. HOLTZ (Chelyabinsk, Russia) On Indecomposable Normal Matrices in Spaces With Indefinite Scalar Product	155
SEOK-ZUN SONG (Cheju, Republic of Korea), SUNG MIN HONG, YOUNG-BAE JUN, AND SEON-JEONG KIM (Chinju, Republic of Korea) Minimum Permanents on a Face of the Polytope of Doubly Stochastic Matrices	169
Ji-GUANG SUN (Umeå, Sweden) Backward Error for the Discrete-Time Algebraic Riccati Equation	183

ZHONGXIAO JIA (Dalian, People's Republic of China) Refined Iterative Algorithms Based on Arnoldi's Process for Large Unsymmetric Eigenproblems	1
P. LANCASTER (Calgary, Alberta, Canada), A. S. MARKUS (Ben Gurion, Israel), AND P. ZIZLER (Saskatoon, Saskatchewan, Canada) The Order of Neutrality for Linear Operators on Inner Product Spaces . . .	25
TOMMASO TOFFOLI (Boston, Massachusetts) Almost Every Unit Matrix is a <i>ULU</i>	31
BIT-SHUN TAM (Tamsui, Taiwan), YANG SHANGJUN, AND ZHANG XIAODONG (Hefei, Anhui, People's Republic of China) Invertibility of Irreducible Matrices	39
RAJENDRA BHATIA (New Delhi, India) A Note on the Lyapunov Equation	71
SUJIT KUMAR MITRA AND K. MANJUNATHA PRASAD (New Delhi, India) The Nonunique Parallel Sum	77
A. RAHMANI, C. SUEUR, ET G. DAUPHIN-TANGUY (Villeneuve d'Ascq, France) Approche des Bond Graphs pour l'Analyse Structurale des Systèmes Linéaires	101
ANDRÉ RAN (Amsterdam, The Netherlands) AND PETER ZIZLER (Saskatoon, Saskatchewan, Canada) On Self-Adjoint Matrix Polynomials With Constant Signature	133
O. V. HOLTZ (Chelyabinsk, Russia) On Indecomposable Normal Matrices in Spaces With Indefinite Scalar Product	155
SEOK-ZUN SONG (Cheju, Republic of Korea), SUNG MIN HONG, YOUNG-BAE JUN, AND SEON-JEONG KIM (Chinju, Republic of Korea) Minimum Permanents on a Face of the Polytope of Doubly Stochastic Matrices	169
Ji-GUANG SUN (Umeå, Sweden) Backward Error for the Discrete-Time Algebraic Riccati Equation	183

Table of Contents continued

SHUANGZHE LIU (Basel, Switzerland) AND HEINZ NEUDECKER (Amsterdam, The Netherlands)	
Kantorovich and Cauchy-Schwarz Inequalities Involving Positive Semidefinite Matrices, and Efficiency Comparisons for a Singular Linear Model	209
JASPAL SINGH AUJLA (Punjab, India)	
Some Operator Equalities Involving Connections and Means	223
LIPING HUANG AND JIANZHOU LIU (Xiangtan, People's Republic of China)	
The Extension of Roth's Theorem for Matrix Equations Over a Ring	229
BORIS LAVRIČ (Ljubljana, Slovenia)	
Monotonicity Properties of Certain Classes of Norms	237
TON GEERTS (Maren-Kessel, The Netherlands)	
Infinite-Horizon Linear-Quadratic Control With End-Point State Penalty Term: The Discrete-Time Case	251
OLIVER ABERTH (College Station, Texas)	
The Solution of Linear Interval Equations by a Linear Programming Method	271
MARK A. MENDLOVITZ (Dallas, Texas)	
Eigenvector Saddlepoints and Zero Properties of the Eigenpolynomial Factors	281
R. A. DANAÓ (Quezon City, The Philippines)	
A Note on E' -Matrices	259
MICHAEL K. NG (Canberra, Australia)	
Band Preconditioners for Block-Toeplitz - Toeplitz-Block Systems	307
GUSEIN GUSEINOV AND MEHMET TERZILER (Izmir, Turkey)	
The Eigenvalue Problem for a Matrix of a Special Form and Its Applications	329
XUERONG YONG AND ZHENG WANG (Urumqi, People's Republic of China)	
Elliptic Matrices and Their Eigenpolynomials	347
AUTHOR INDEX	357